Regulatory area to be addressed

LOCOMOTIVE EMISSIONS

Air pollution and climate change are challenges that know no boundaries. The U.S. EPA and Transport Canada will build on the already extensive collaboration and coordination between both governments to improve the alignment of greenhouse gas protocols and coordination on air pollutant regulations for locomotives.

Work stream A

Alignment of greenhouse gas protocols: Canada and the U.S. have been working together to align efforts to address greenhouse gas emissions from locomotives. Moving forward, Canada and the U.S. will work with key stakeholders to finalize a Canada-U.S. Voluntary Action Plan to Reduce Greenhouse Gas Emissions from Locomotives. This will provide a framework for working together into the future and include regular reporting on progress. Key elements of this work would include sharing of research on technologies and strategies to reduce greenhouse gas emissions through voluntary initiatives and to maintain regular engagement with key stakeholders.

	United States	□◆ □ Canada
Department/Agency	United States Environmental Protection Agency (U.S. EPA)	Transport Canada

Planned initiatives and sub-deliverables		Date	
Canada-U.S. Voluntary Action Plan to reduce greenhouse gas emissions from locomotives			
	 Finalize targets and measures to be included in the Voluntary Action Plan 	Fall 2016	
	 Finalize the Voluntary Action Plan for implementation 	Early 2017	
	 Prepare and publish annual reports on progress made under the Voluntary Action Plan 	Annually	
	Research on technologies and strategies to reduce greenhouse gas emissions		
	 Joint research priorities to be determined as part of the Voluntary Action Plan and opportunities will be sought to undertake joint research where appropriate 	Ongoing, starting in 2016	
	Share research findings among governments and stakeholders to advance scientific understanding and collaboration	Ongoing, starting in 2016	
Stakeholder engagement on progress of Action Plan and research			

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 Hold periodic teleconferences or webinars with interested stakeholders 	At least one per year
 Collaborate with industry experts to help finalize the Voluntary Action Plan 	Throughout 2016

Work stream B

Coordination on air pollutant regulations: Canada and the U.S. have been working together to align Canadian efforts to address air pollutant emissions from locomotives in a manner that is consistent with existing U.S. emission regulations. Regulations to reduce air pollutants from locomotives have been in place in the U.S. since 2000. Canadian regulations are currently under development and would align with the existing emission standards set out in the U.S. regulations. Improved coordination would be enabled through the establishment of mechanisms by which information and data would be shared. Work in this area would include coordination of regulatory agendas and joint work as required, sharing of research on technologies and procedures to reduce air pollutant emissions and exploring benefits and opportunities of increased data sharing and alignment.

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	United States	Canada
	United States Environmental	Transport Canada
Department/Agency	Protection Agency (U.S. EPA)	

Planned initiatives and sub-deliverables		Date	
Coordination on locomotive emissions regulations			
	 Prepublication of Canadian locomotive emissions regulations to align with existing U.S. emissions standards 	June – September 2016	
	 Ongoing discussion on regulatory agendas and joint work to align on emerging issues, as appropriate 	Ongoing	
	 Ongoing consultation with stakeholders via regulatory process (e.g. Canada Gazette) and parallel engagement under work stream A 	Ongoing	
Sharing of	of locomotive emissions information and data		
	 Explore benefits of increased data sharing between regulatory programs 	Winter 2017	
	 Explore opportunities to align data collection methods 	2017	
Research on technologies and strategies to reduce air pollutant emissions			
	 Undertake joint research where appropriate, emerging from the identification of new strategies and technological opportunities in the course of 	Ongoing	

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discussion between governments and with stakeholders	
 Share research findings among governments and stakeholders to advance scientific understanding and collaboration 	Ongoing